

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

Claim 1 (Canceled).

2. (Currently Amended) The cassette as claimed in ~~claim 1~~claim 18 wherein at least the liquid reservoirs of said cartridges are a unitary structure~~, formed integrally with one another.~~

3. (Currently Amended) The cassette as claimed in ~~claim 1~~or 2claim 2 wherein said outlet member comprises a single aperture.

Claims 4-15 (Canceled).

16. (Currently amended) The cassette as claimed in ~~claim 1~~claim 18 wherein said aperture has a width of between 2 and 300 micrometers.

Claim 17 (Canceled).

18. (Currently Amended) A cassette comprising a plurality of cartridges for dispensing liquid drops in the range of 10-500 nanoliters therefrom, each cartridge comprising a liquid reservoir and an outlet member attached and adjacent to the liquid reservoir, said outlet member comprising an aperture.~~The cassette as claimed in claim 1 wherein the or each and wherein the~~ liquid reservoir contains a quantity of liquid and is closed at one end thereof by a frangible sealing means.

Claim 19 (Canceled).

20. (Previously presented) The cassette as claimed in claim 18 wherein said frangible sealing means comprises a foil membrane.

21. (Previously presented) The cassette as claimed in claim 18 wherein said liquid reservoir contains a nucleotide or enzyme.

22. (Previously presented) The cassette as claimed in claim 21 wherein said liquid reservoir contains an enzyme selected from a group comprising polymerase, luciferase, adenosine triphosphate (ATP) sulfurylase, and a nucleotide-degrading enzyme such as apyrase.

23. (Currently Amended) A liquid dispensing apparatus comprising a cassette as claimed in ~~claim 18~~claim 18 and a pressurised gas source.

Claim 24 (Canceled).

25. (Currently Amended) A cassette comprising a plurality of cartridges for dispensing liquid drops in the range 10-500 nanoliters therefrom, each cartridge comprising a liquid reservoir and a protruding nozzle attached and adjacent to the liquid reservoir. The cassette as claimed in claim 24 wherein each liquid reservoir contains a quantity of liquid and is closed at one end thereof by a frangible sealing means.

26. (Previously presented) The cassette as claimed in claim 25 wherein said frangible sealing means comprises a foil membrane.

27. (Previously presented) The cassette as claimed in claim 25 wherein said liquid reservoir contains a nucleotide or enzyme.

28. (Previously presented) The cassette as claimed in claim 27 wherein said liquid reservoir contains an enzyme selected from a group comprising polymerase, luciferase, adenosine triphosphate (ATP) sulfurylase, and a nucleotide-degrading enzyme such as apyrase.

29. (Currently Amended) The liquid dispensing apparatus including a cassette or cartridge as claimed in ~~claim 24~~claim 31 and a pressurised gas source.

30. (Currently Amended) The cassette as claimed in ~~claim 24~~claim 31 wherein said protruding nozzle is a capillary tube.

31. (Currently Amended) A cassette comprising a plurality of cartridges for dispensing liquid drops in the range 10-500 nanoliters therefrom, each cartridge comprising a liquid reservoir and a protruding nozzle attached and adjacent to the liquid reservoir. The cassette as claimed in claim
24-wherein said protruding nozzle further comprises a disc with a central aperture.